

Product Change Notification – Minor change

PCN #: PCN22-0046	Rev: 1.0	Issue Date: March 22, 2022
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Purpose of notification: Change of voltage regulator
Type of notification: Minor change, for informational notice only

Detailed Description:

This document informs about a BOM change of the G-20 and G-26 drive product series and provides advice on the implications as well as on any requalification effort for affected customers.

Swissbit has been notified that Intel is ceasing production of the voltage regulators currently used in the above mentioned product series. Swissbit has selected new fit-for-purpose voltage regulators, which also require a minimal PCB adjustment.

	Current voltage regulators	New voltage regulators
Supplier	Intel	Torex
Continuous output current	0.6A	1A
Operating range	2.4 V – 5.5 V	2.5 V – 5.5 V
Operating Temperature Range	-40 to +85°C	-40 to +105°C
Output voltage	Adjustable	Fixed
Package Size	2.5mm x 2.25mm x 1.1mm	2.5mm x 2.0mm x 1.04mm

Swissbit insures no change of form and fit and function compatibility. The performance values will not change and the data sheets remain unchanged.

Swissbit insures full compliance and backward compatibility with the previous version.

Quality impact: No impact

Reliability impact: No impact

Products Series affected:

Series	Part Number	New Part Number
G-20	SFCEdddW1EBxxx-I-xx-1x1-zzz	No change, traceability over lot code
G-26	SFCEdddW1EBxxx-I-xx-1xP-zzz	No change, traceability over lot code

d = drive capacity; x = configuration and options; z = standard or customer specific

Implementation date: Estimated August 2022, floating transition based on stock

Recommended action: No action required.
 Please contact your local Swissbit sales representative for support in case of any questions.

IMPORTANT NOTE:

Swissbit – as a provider of industrial products – announces and informs about every change in the product hardware and firmware. We always test backwards compatibility and assure best quality, reliability and transparency for our customers. We apologize for any inconvenience caused.

This Minor Change PCN serves as an informational notice and is an optional information in accordance with JEDEC J-STD-046.

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Products affected:

Series	Part Number	New Part Number
G-20	SFCE015GW1EB1TO-I-5E-111-STD SFCE030GW1EB1TO-I-5E-111-STD SFCE030GW1EB1TO-I-5E-111-BR1 SFCE060GW1EB2TO-I-5E-111-STD SFCE060GW1EB2TO-I-5E-111-BR1 SFCE120GW1EB4TO-I-5E-111-STD SFCE120GW1EB4TO-I-5E-111-BR1 SFCE240GW1EB4TO-I-6F-111-STD SFCE240GW1EB4TO-I-6F-111-BR1 SFCE240GW1EB4TO-I-6F-111-DML SFCE480GW1EB4WD-I-6F-111-STD SFCE480GW1EB4WD-I-6F-111-BR1	No change, traceability over lot code
G-26	SFCE005GW1EB1TO-I-5E-11P-STD SFCE010GW1EB1TO-I-5E-11P-STD SFCE020GW1EB2TO-I-5E-11P-STD SFCE040GW1EB4TO-I-5E-11P-STD SFCE080GW1EB4TO-I-6F-11P-STD SFCE160GW1EB4WD-I-6F-11P-STD	No change, traceability over lot code